Contents

1. Antiprogestational steroids: a new dimension in human fertility regulation 1

P.F.A. Van Look and M. Bygdeman

2. Fecundity and natural fertility in humans 61

J.W. Wood

3. Endogenous opioid peptides and farm animal reproduction 111

N.B. Haynes, G. E. Lamming, K–P. Yang, A.N. Brooks, and A.D. Finnie

4. Multiple forms of pituitary and placental gonadotrophins 147

A. Stockell Hartree

5. Luteotrophic agents and steroid substrate utilization 179

B.D. Murphy and S.L. Silavin

6. Oxytocin and vasopressin in the gonads 225

D.C. Wathes

7. Membrane remodelling during sperm maturation in the epididymis 285

R. Jones

8. Mammalian sperm interaction with extracellular matrices of the egg 339

P. Saling

9. Pharmacokinetics in pregnancy and placental drug transfer 389

F. Reynolds and C. Knott

Index 451